

(No Model.)

T. ROBSON.
COPYING PAD.

No. 412,861.

Patented Oct. 15, 1889.

Fig. 1.

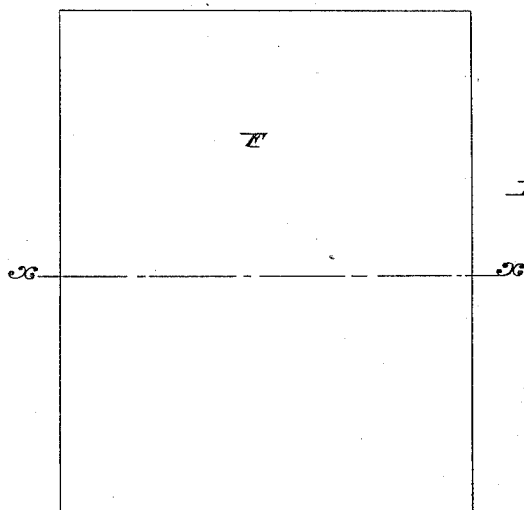
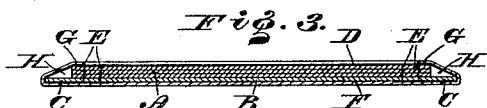
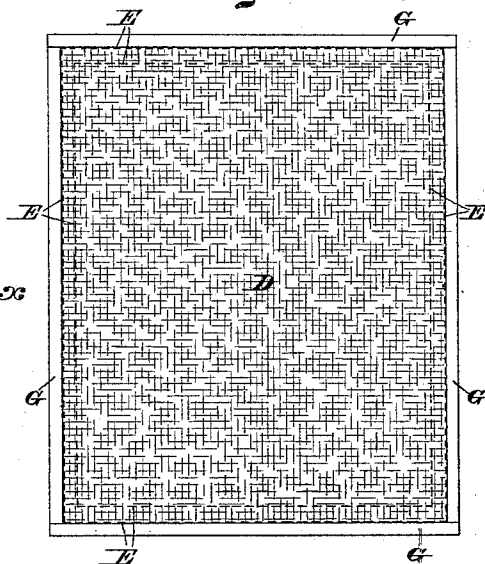


Fig. 2.



WITNESSES:

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THOMAS ROBSON, OF PHILADELPHIA, PENNSYLVANIA.

COPYING-PAD.

SPECIFICATION forming part of Letters Patent No. 412,861, dated October 15, 1889.

Application filed January 31, 1887. Serial No. 225,965. (No model.)

To all whom it may concern:

Be it known that I, THOMAS ROBSON, a citizen of the United States, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Copying-Pads, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figures 1 and 2 represent views of opposite sides of a copying-pad embodying my invention. Fig. 3 represents a transverse section in line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts in the several figures.

My invention relates to improvements in copying-pads; and it consists of the combination and arrangement of parts, as herein set forth and claimed.

Referring to the drawings, A represents a number of sheets of bibulous paper or board, preferably wood-pulp board, and B represents a piece of stiff paper or other material on which said sheets are placed, it being noticed that the piece B is of greater width and length than the sheets A, leaving the rim C.

D represents a facing of muslin or other textile fabric, which covers the sheets A, and extends over the rim C, and is turned over and behind the edges of the latter, and its ends, if desired, are gummed or otherwise secured to the back of said piece B.

The facing D is united to the sheets A and piece B by means of stitches E, near the outer edges thereof.

F represents a backing of soft rubber, which covers the back of the piece B and has its ends turned over the front of the facing D, forming the rim G, which is gummed, cemented, or otherwise secured to said facing.

The sheets A may be of any desired number, or in lieu thereof a single sheet may be employed. In carrying out my invention the sheets are dipped in or saturated with a chemical preparation, such as a saturated solution of bichloride of mercury, salicylic acid, alum and water. No precise proportions of said materials are required; but it is

suggested to use an ounce of alum to one gallon of water. The sheets as treated are dried, and the piece, the facing, and the backing are located and secured, the resultant pad then being ready for use.

The pad is moistened with water, which may be accomplished by means of a wet sponge, brush, &c., pressed on the facing D, or pouring water thereon, and then placed in a book under as many sheets of tracing or tissue paper as may be desired, whereby the paper is moistened, so that when a sheet of paper with writing thereon in any ordinary copying-ink is placed on the moistened sheets and lightly pressed or rubbed a perfect transfer copy or impression of the writing is made, the same being accomplished in a convenient manner without the employment of a copying-press, and numerous copies may be made at one operation, as several sheets of the tracing or tissue paper may be moistened by the pad.

The rubber packing prevents moisture from extending and wetting the sheets of tracing or tissue paper back of the pad, and also serves to give stability to the article.

The muslin or fabric facing protects the bibulous paper, and prevents abrasion of or injury thereto.

The piece B serves as a stiffener, and may be made of any suitable material.

Owing to the rim C of the piece B and front rim G of the backing F, a channel H is formed around the edges of the pad, the same receiving the surplus water when the pad is handled, and also the water expressed from the bibulous sheets when the pad is pressed during the copying operation, the escape of said water being prevented by the walls of said channels, whereby dripping is prevented.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A copying-pad consisting of the bibulous sheets A, the stiffener B, having the rim C, as shown, the fabric facing D, secured to the stiffener B, the rubber backing F, having its edges which form the rim G secured to the facing D, the channel H, formed by rim C

and facing D, and the stitching E, all substantially as described.

2. A copying-pad consisting of bibulous sheets, a stiffener having a rim projecting beyond the ends of the sheets, and a piece of fabric covering the face of the sheets and having its edges secured to the back of the stiffener,

thereby forming a channel around the edges of the said sheets, substantially as and for the purpose set forth.

THOMAS ROBSON.

Witnesses:

JOHN A. WIEDERSHEIM,
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